

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2004/010089

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60C23/00 F02B37/24

According to international Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60C F02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/121323 A1 (TARASINSKI NICOLAI) 5 September 2002 (2002-09-05) page 1 -page 3; claims; figures	1-12, 14, 16-21, 27, 29, 31
Y	DE 102 47 216 A (CATERPILLAR INC) 10 July 2003 (2003-07-10) cited in the application column 2 -column 7; claims; figures	1-4, 7-12, 14, 16-21, 27, 29, 31
Y	ANONYMOUS: "Turbolader machen mobil" INTERNET ARTICLE, 'Online! 20 August 1999 (1999-08-20), XP002309621 Retrieved from the Internet: <URL:http://home.arcor.de/hildst/VDI0899g. html> 'retrieved on 2004-12-08! page 3, paragraph 5	1-12, 14, 16-18, 20, 21, 27, 31
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

9 December 2004

Date of mailing of the international search report

29/12/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>BORGWARNER TURBO SYSTEMS: "Variable Turbinengeometrie (VTG)" INTERNET ARTICLE, 'Online! February 2003 (2003-02), XP002309653 Retrieved from the Internet: <URL:http://www.turbos.bwauto.com/de/products/vtg.asp> 'retrieved on 2004-12-08! page 2 -page 7</p>	<p>1-12,14, 16-21, 27,31</p>

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002121323	A1	05-09-2002	DE	10111532 A1	19-09-2002
			EP	1238829 A2	11-09-2002
DE 10247216	A	10-07-2003	US	2003115869 A1	26-06-2003
			DE	10247216 A1	10-07-2003